

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
20 September 2001 (20.09.2001)

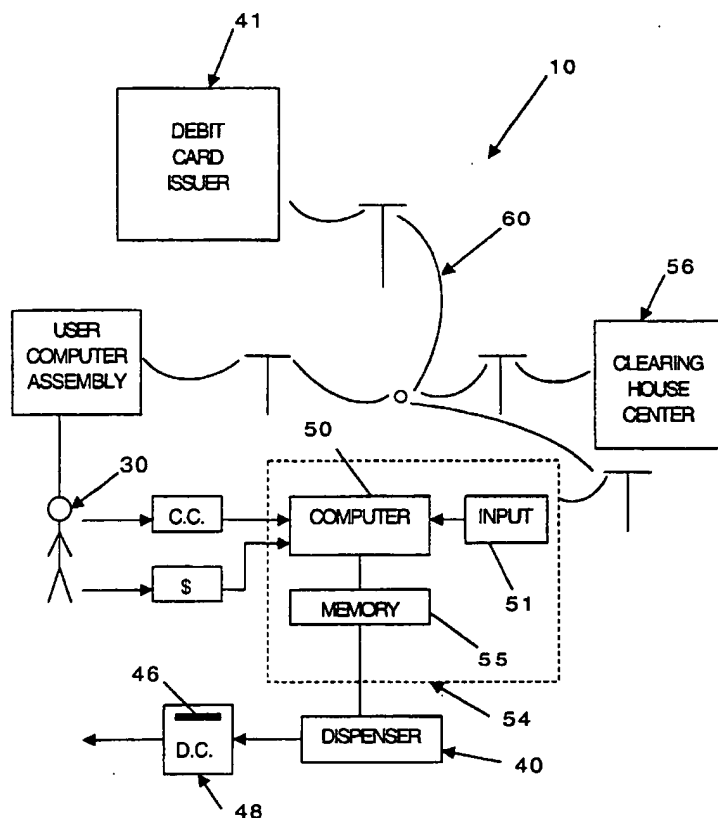
PCT

(10) International Publication Number  
**WO 01/69347 A3**

- (51) International Patent Classification<sup>7</sup>: **G06F 17/60**
- (21) International Application Number: PCT/US01/07773
- (22) International Filing Date: 12 March 2001 (12.03.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 09/524,496 13 March 2000 (13.03.2000) US
- (63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application: US Filed on Not furnished (CIP) Not furnished
- (71) Applicant and
- (72) Inventor: CUERVO, Vincent [US/US]; 1545 Miller Road, Coral Gables, FL 33146 (US).
- (74) Agent: SANCHELIMA, Jesus; 235 S.W. Le Jeune Road, Miami, FL 33134 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— with international search report

[Continued on next page]

(54) Title: PREPAID DEBIT CARDS SYSTEM



(57) Abstract: A system (10) for debit cards using a computerized assembly at the point of sale (54) for the cards connected to a remote clearinghouse (56). The computerized assembly receives and assembles a block of information required by the card purchaser (30). The card issuer (41) allows the purchaser to design the conditions for withdrawing the card's funds and the level of security required. The cards preferably include a digital storage member for saving the unique identification number associated with the card. More than one card can share the same identification number so they can access the same line of credit. Also, more than one personal identification number (PIN) can be issued with different conditions for reach. Software at the clearinghouse includes the ability of selectively transmitting transactional information to predetermined electronic mail addresses for real tracking of the card usage.

WO 01/69347 A3



(88) Date of publication of the international search report:  
18 April 2002

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US01/07773

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>														
IPC(6) : G06F 17/60														
US CL : 705/17, 35, 43; 235/375, 379, 380, 381; 379/91.01, 114, 144														
According to International Patent Classification (IPC) or to both national classification and IPC														
<b>B. FIELDS SEARCHED</b>														
Minimum documentation searched (classification system followed by classification symbols)														
U.S. : 705/17, 23, 35, 41, 43; 235/375, 379, 380, 381; 379/91.01, 114, 144; 283/57, 67, 101														
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched														
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)														
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>														
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.												
X, P	US 6,105,009 A (CUERVO) 15 August 2000 (15.08.2000), see the entire document.	1-22												
A	US 5,408,417 A (WILDER) 18 April 1995 (18.04.1995), column 2, line 41 through column 3, line 50.	1-22												
A	US 5,696,908 A (MUEHLBERGER et al.) 09 December 1997 (09.12.1997), see the entire document.	1-22												
A	US 5,895,457 A (KUROWSKI et al.) 20 April 1999 (20.04.1999), column 2, lines 12-50.	1-22												
A	US 6,006,988 A (BEHRMANN et al.) 28 December 1999 (28.12.1999), see the entire document.	1-22												
A, P	US 6,055,521 A (RAMSEY et al.) 25 April 2000 (25.04.2000), see the entire document.	1-22												
A, P	US 6,116,505 A (WITHROW) 12 September 2000 (12.09.2000), column 1, line 44 through column 2, line 59.	1-22												
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.														
<table border="0"> <tr> <td>* Special categories of cited documents:</td> <td>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>"E" earlier application or patent published on or after the international filing date</td> <td>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"&amp;" document member of the same patent family</td> </tr> <tr> <td>"O" document referring to an oral disclosure, use, exhibition or other means</td> <td></td> </tr> <tr> <td>"P" document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>			* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"E" earlier application or patent published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family	"O" document referring to an oral disclosure, use, exhibition or other means		"P" document published prior to the international filing date but later than the priority date claimed	
* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention													
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone													
"E" earlier application or patent published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art													
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family													
"O" document referring to an oral disclosure, use, exhibition or other means														
"P" document published prior to the international filing date but later than the priority date claimed														
Date of the actual completion of the international search		Date of mailing of the international search report												
06 September 2001 (06.09.2001)		17 October 2001 (17.10.01)												
Name and mailing address of the ISA/US		Authorized officer												
Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231		Richard E. Chilcot, Jr. <i>Reggy Hancock</i>												
Facsimile No. (703)305-3230		Telephone No. 703-308-1020												